Name Dai H	uang
Notebook Number_	728-3
Subject Raw Coke	Project
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Dates From	To

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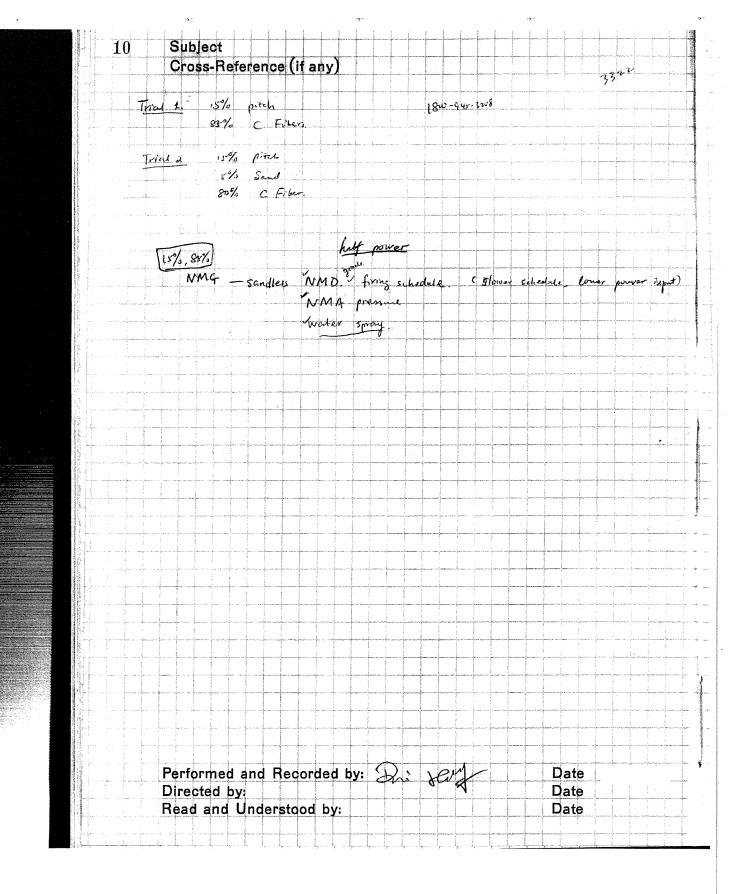
	Subject
	Cross-Reference (if any)
	Mixing Projectures
	Mix Formulation: weight (9)
	Ran Coke 1-6- 2,400
	Additive 400 600
	Total 2,000
y perder I	Mixing.
	1. Raise the lid. Head "up". Change the Pan with now coke
	only
	2. Lower the biol Head "down". Fram "down"
	3. Retor & Pan on, Set rotor and pan at 90/90. Begin
	addition of additive through funnel.
	4. After additive addition complete, then notes and pan off. Remove funnel and put the plug back.
(5. Frame "UP" until the pan is fully tilted.
C	6. Rotor and pan on with 90/90 settings, Mix interviely
	for 2 minutes
empt-	7. Rotor and pan off, Fram "down", Head "up", unlead the
Tmix	mix
erne	8. Weigh the mix.
ite	Performed and Recorded by: Date
ıte ite	Directed by: Read and Understood by: Date

Su	bject			
Cro	oss-Reference (if a	ny)		
Molding				
	OL N. Vist	JE d x bag.	Jost the bag	
ىگىغ ا لىرىنىتى رىخى	Put the mix into	14"0 x8"		
2.	CIP et 20,000	ρsi		
3.	Weight the Measure	the dimension,	weight / and a	
Baking.				
E	ast baking schedule:			
	RT -> 500°C	15°C/hr	33 hrs	
م دیستان سیم ایند کاری ک				
	500°C → (000°C	2.5°c/hr	200 Hrs	
		hold 4 hrs	4 6	
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	1000°C -> 600°C	5°c/hr	80 hrs	
			13.21 days	+++*
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	erformed and Rec	orded by:	Date	
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	en e
	Subject
	Cross-Reference (if any)
	The new idea of making Carbon from with adorational graphit
	flake as the additive foaming agent.
	Precursors : Pitch bere (isotropic or mesophane)
	resins - phenolic or furful alcohol
++++	
	thermoplastic plastics
	mill these programs into powders , by the sile rance for
	mill these precursors into powders, with the size range from 50-200
The state of the s	Additive: treated natural graphite Hakes.
To the second se	there Haker can be in the anadom form with the size
	there flakes can be in the powder forms with the size range of 50-200 mesh.
	mix there precursors and additive in the mixer; with the vatio of
	meturior (10-90%) and additive (10-90%).
	two different subsequent processes.
	A CONTROL OF THE PROPERTY OF T
	i) - Charge the mix into a mold which is is notded to form a prefor
	and the proform in the pressure versel, pull vacuum, the apply
	gas pressure range (500 psi - 1000 psi), in the same time to
	heat the versel at the faction rate to a to the
ALL PROPERTY OF THE PROPERTY O	
	for 1-5 hrs. Final temp. @ 800~1000°C.
	[P ii) - Charge the mix into a mold which will be transferred under
	a pressure in the same time pass the chinerest through to
	(P ii) - Charge the mix into a mold which will be transferred under a pressure in the same time pass the convent through to
	heart the muld (10-50°C/hr) to Soo c ~ 1000°C. For 1-5 hrs.
	To Jane
	Then the billets is in a the
	Then the billets will go through oxidation process if necessary, and
	graphitization to make final carbon or graphite foam produce,
	Performed and Recorded by: Dai Huang Date
distance of the second	Directed by:
2000	Read and Understood by:

8 Subject						 -
Cross-Reference (i	fany)			<u> </u>		i.
	3 to	indard:				
4" \$\psi \text{1"}						
4" \$ × 2"	<u>.</u>	fibergluss Hecounic Tile	Ł	بإد سرياسة عم		
	<u> </u>					
	\$1.20 mm					
e de la companya de La companya de la co						
220 Flake 88% SC) <u>.</u>					
12% HeD						
220 Hake 88% SC 12% HeD 20% Wught						
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1 T	st Clo fiel at land ab		
	st C/C trial at Laurenceburg.		
	Rew materials. 1. MC	1/4" fiber bundler III	
	Composition: Exp. 1:		obtion)
	Esp. 2:	soo/ fiber 200/ pritch. (mita 5 aolo	CAO _M
	procen. Dry mix	fiber + pitzu.	
, dove.	Quantity Back expe	: 13" x 9" x 4" bricks.	
	SR is low, v	right consider to add Sand 183?	()
2,5	C/C trial at Laurenchy (B		•
	Raw movemols. 1 a MC 1	1/4" fiber bundle 1/4" fiber with PVC sizing.	
	the state of the s	mesophene prth. company	+ perch
	Composition Esp 1 6	95% fiber 15% fiber 75% fiber	2 1 1
te 3-28+200 te te	Performed and Recorded by: Directed by: Read and Understood by:	25% pitch (no surpr).	



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